

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027617.D
 Acq On : 22 Mar 2022 16:17
 Operator : JC/MD
 Sample : N1998-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-141

Quant Time: Mar 23 01:47:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

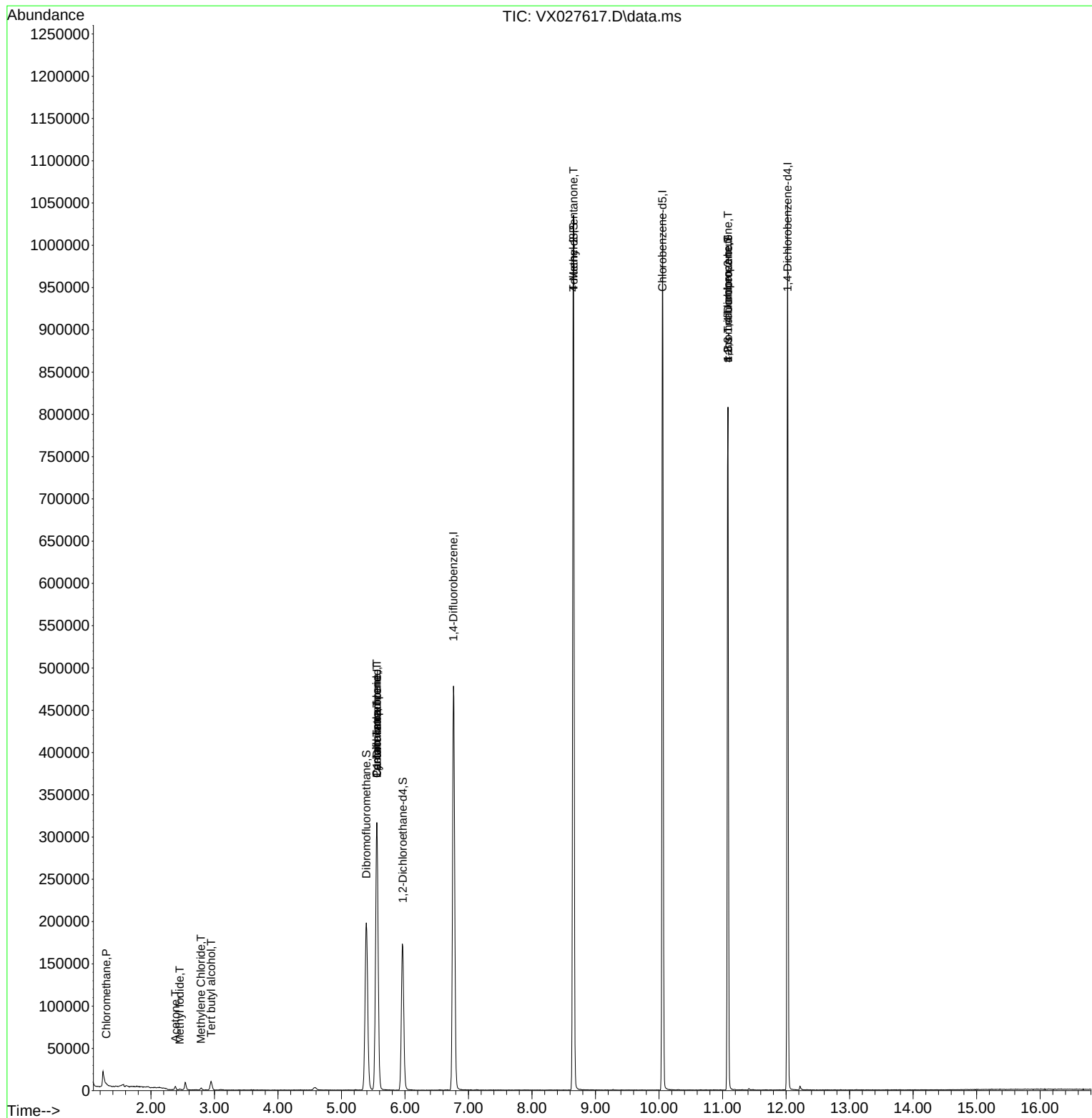
Internal Standards						
1) Pentafluorobenzene	5.556	168	331495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	541704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164297	40.233	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	80.460%
35) Dibromofluoromethane	5.391	113	179345	51.459	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.920%
50) Toluene-d8	8.653	98	641713	48.657	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.320%
62) 4-Bromofluorobenzene	11.085	95	220038	45.392	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	614	0.217	ug/l	99
5) Bromomethane	1.605	94	982	Below Cal	#	71
10) Methyl Iodide	2.453	142	1127	0.265	ug/l #	88
11) Tert butyl alcohol	2.947	59	5820	7.478	ug/l #	72
16) Acetone	2.386	43	3971	2.386	ug/l	97
20) Methylene Chloride	2.788	84	1154	0.322	ug/l	90
31) Cyclohexane	5.556	56	4353	0.858	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20119	4.224	ug/l #	49
38) Carbon Tetrachloride	5.556	117	29966	5.500	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2294	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	105711	22.867	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	105711	69.448	ug/l #	15

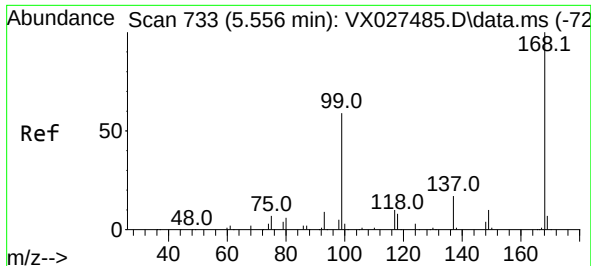
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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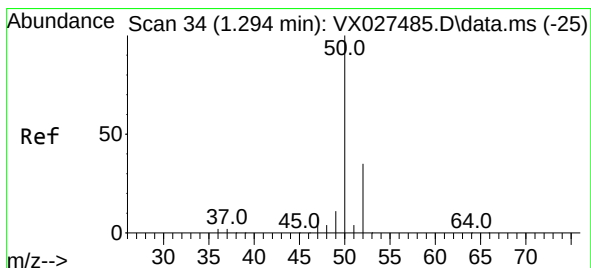
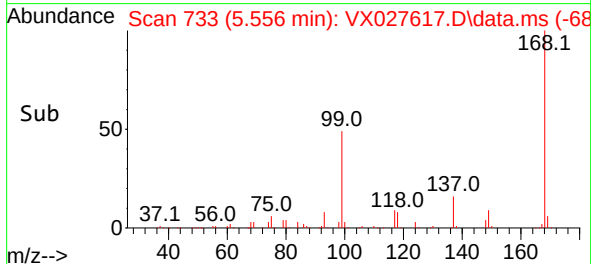
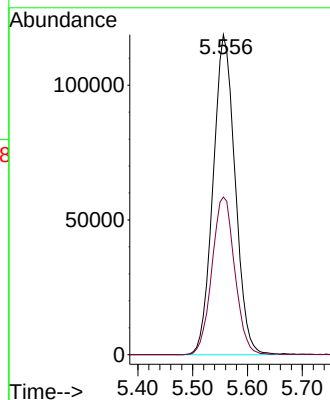
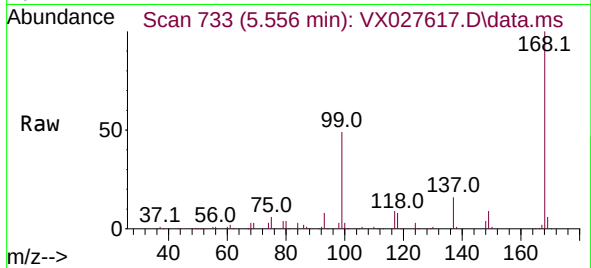




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

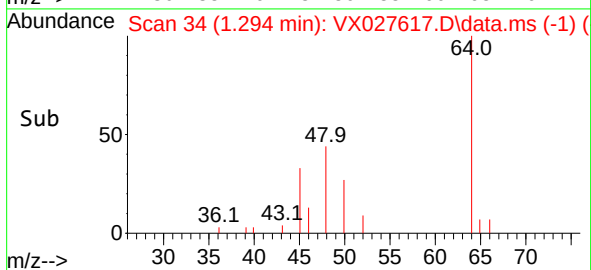
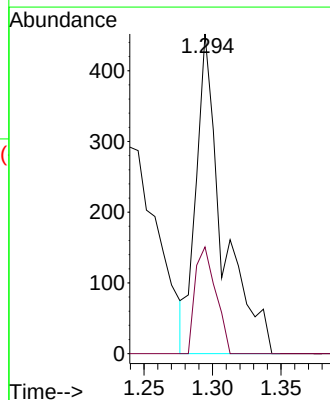
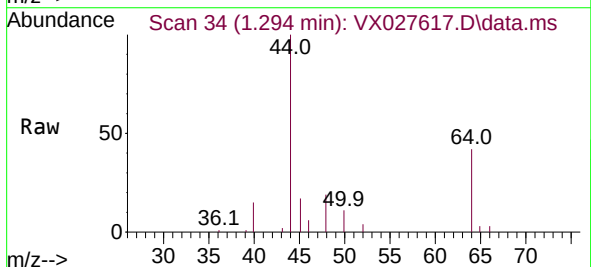
Instrument :
MSVOA_X
ClientSampleId :
MW-141

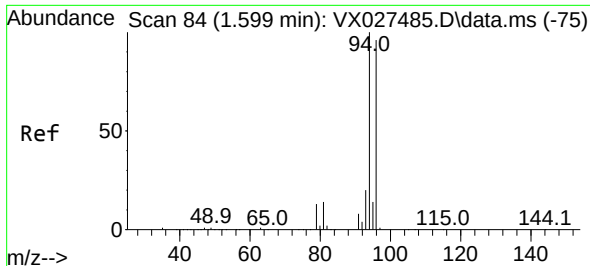
Tgt Ion:168 Resp: 331495
Ion Ratio Lower Upper
168 100
99 49.3 41.7 62.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Tgt Ion: 50 Resp: 614
Ion Ratio Lower Upper
50 100
52 33.4 26.4 39.6

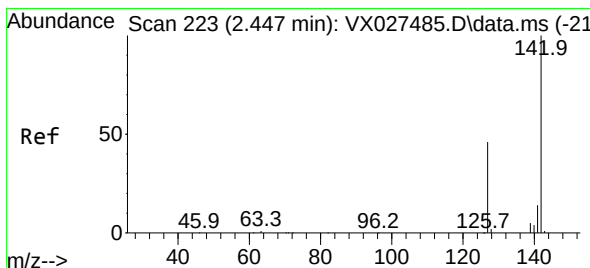
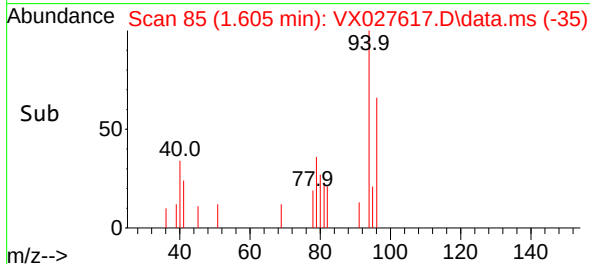
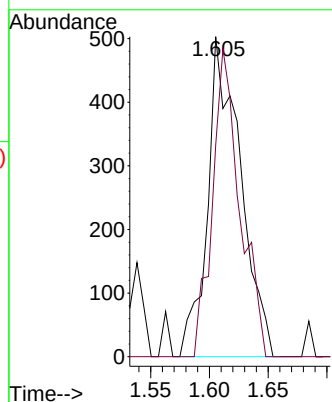
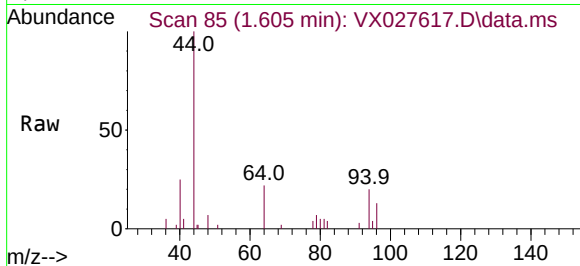




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

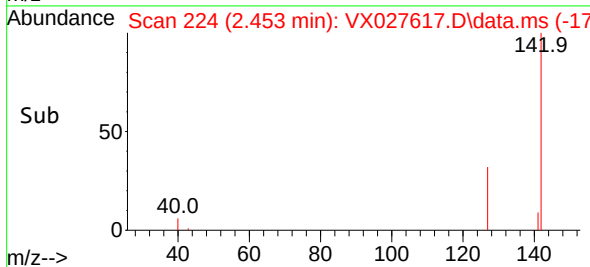
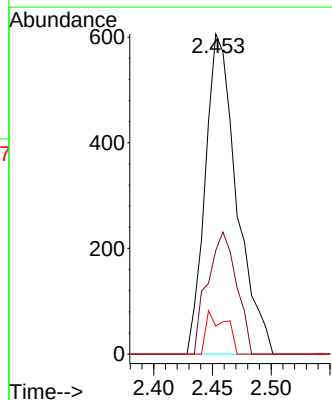
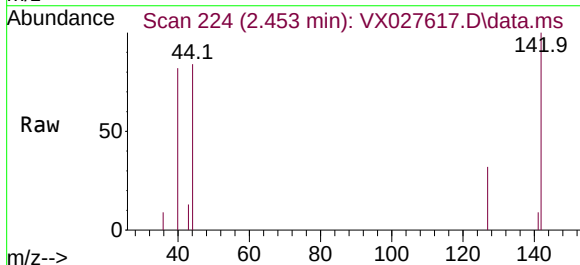
Instrument :
MSVOA_X
ClientSampleId :
MW-141

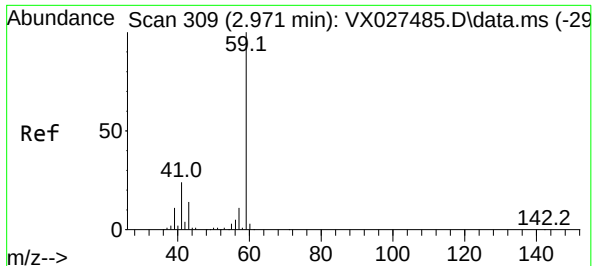
Tgt Ion: 94 Resp: 982
Ion Ratio Lower Upper
94 100
96 66.2 75.3 112.9#



#10
Methyl Iodide
Concen: 0.265 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Tgt Ion: 142 Resp: 1127
Ion Ratio Lower Upper
142 100
127 35.0 33.9 50.9
141 8.4 11.4 17.2#





#11

Tert butyl alcohol

Concen: 7.478 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX027617.D

Acq: 22 Mar 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

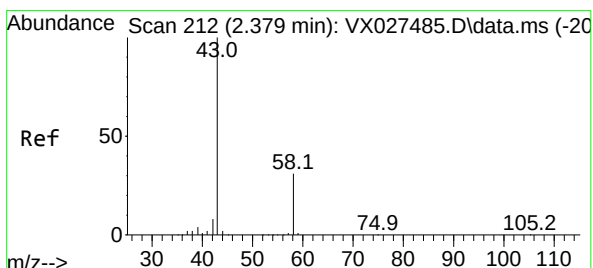
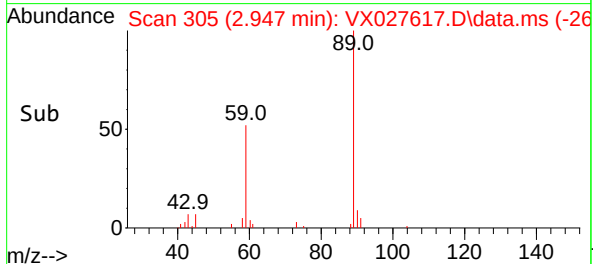
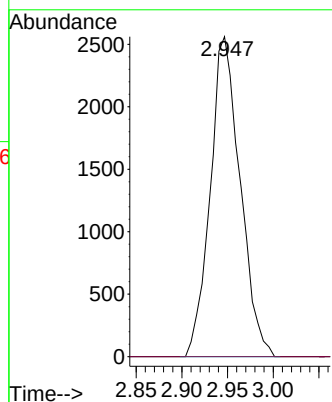
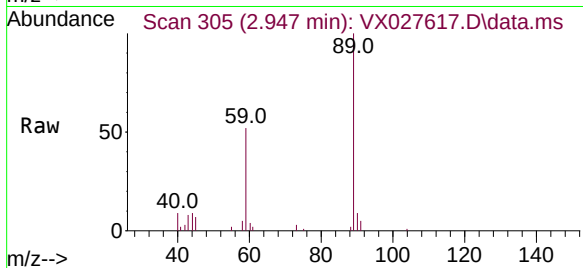
MW-141

Tgt Ion: 59 Resp: 5820

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.386 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027617.D

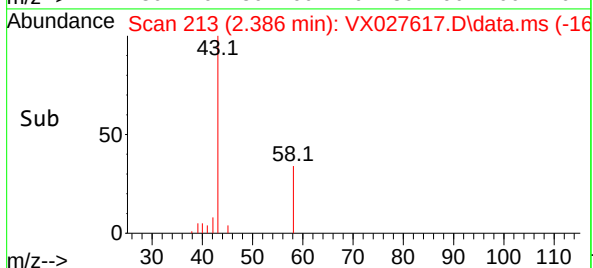
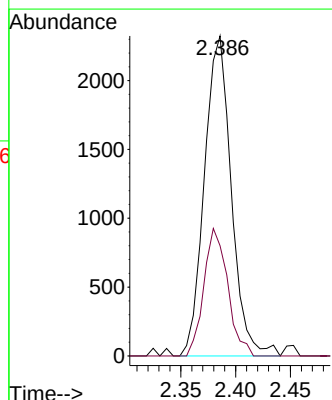
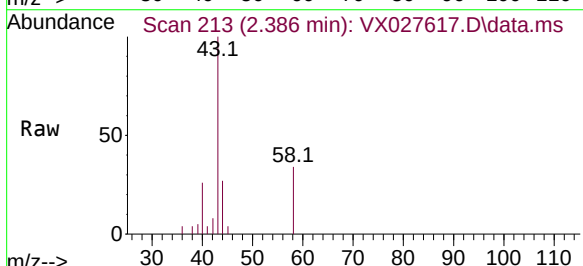
Acq: 22 Mar 2022 16:17

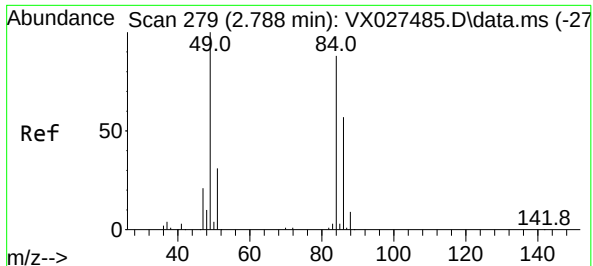
Tgt Ion: 43 Resp: 3971

Ion Ratio Lower Upper

43 100

58 34.4 28.8 43.2

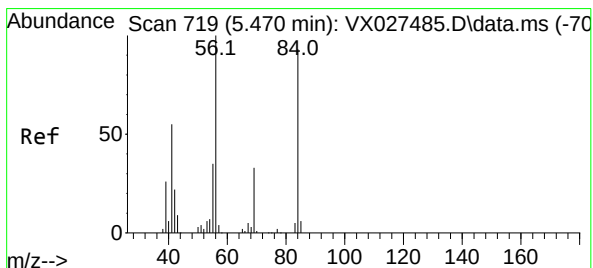
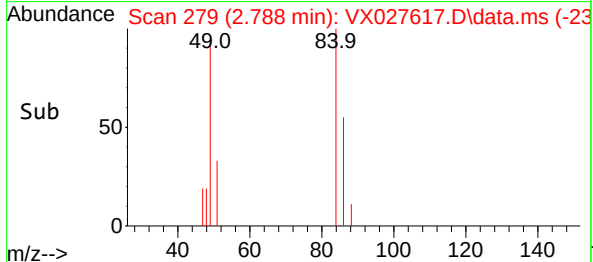
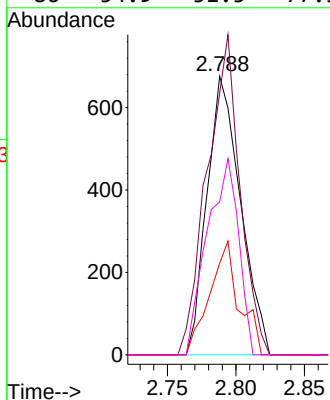
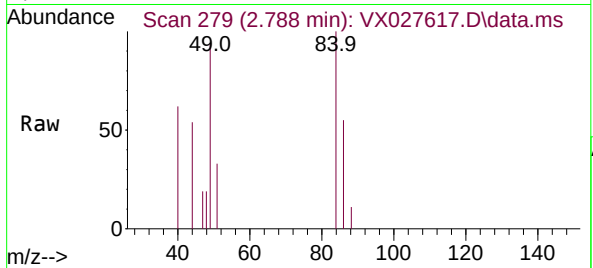




#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

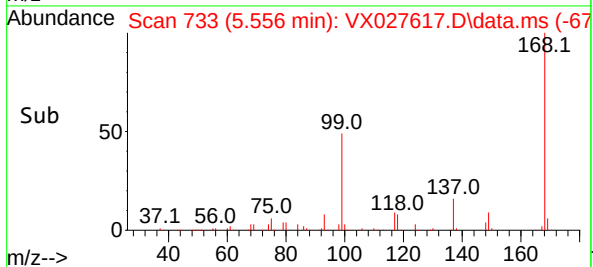
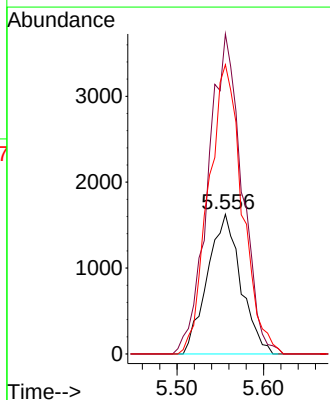
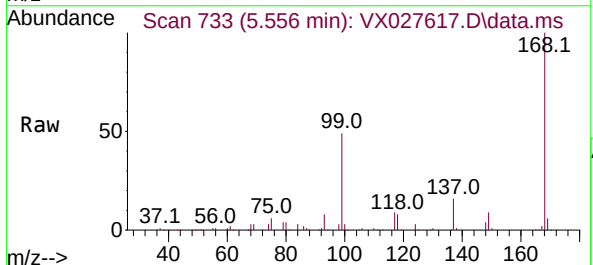
Instrument :
MSVOA_X
ClientSampleId :
MW-141

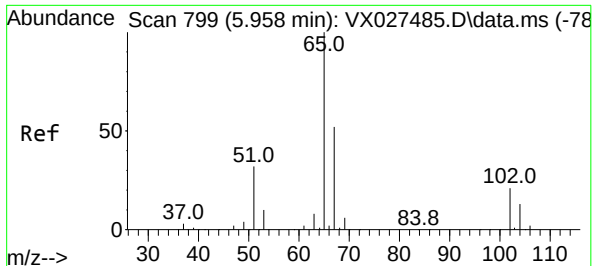
Tgt Ion:	84	Resp:	1154
Ion	Ratio	Lower	Upper
84	100		
49	93.9	85.5	128.3
51	32.8	26.6	39.8
86	54.9	51.5	77.3



#31
Cyclohexane
Concen: 0.858 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Tgt Ion:	56	Resp:	4353
Ion	Ratio	Lower	Upper
56	100		
69	225.3	26.7	40.1#
84	207.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 40.233 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027617.D

Acq: 22 Mar 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

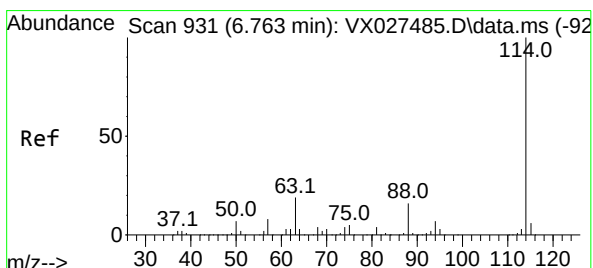
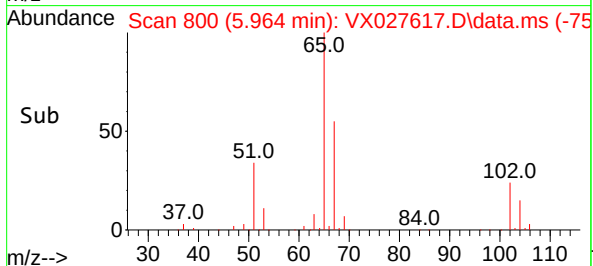
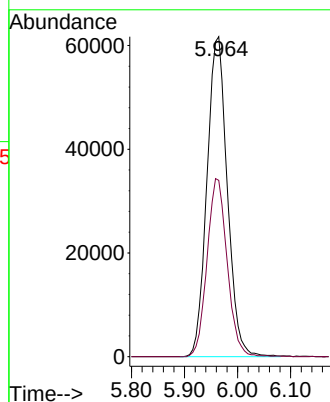
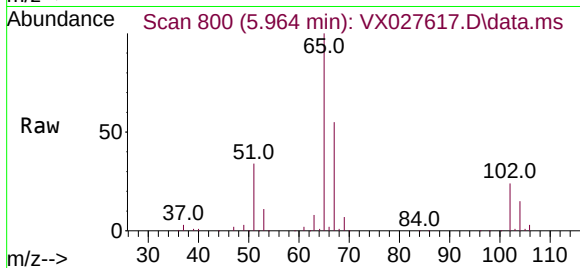
MW-141

Tgt Ion: 65 Resp: 164297

Ion Ratio Lower Upper

65 100

67 55.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027617.D

Acq: 22 Mar 2022 16:17

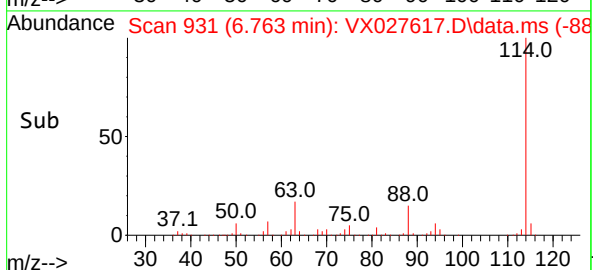
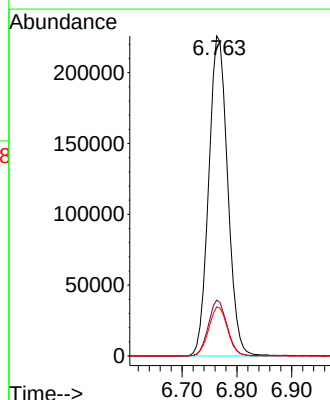
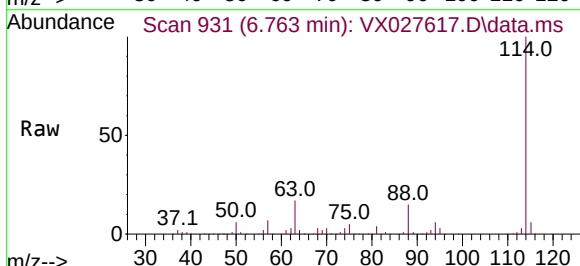
Tgt Ion: 114 Resp: 541704

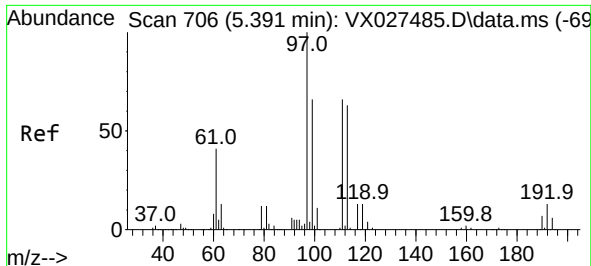
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

88 15.3 0.0 32.4

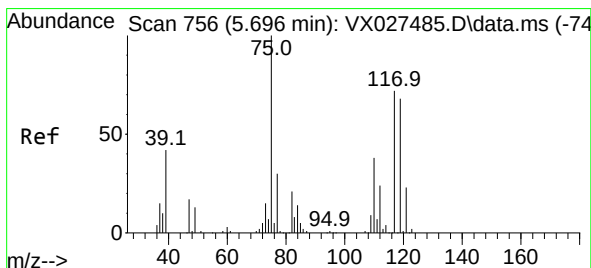
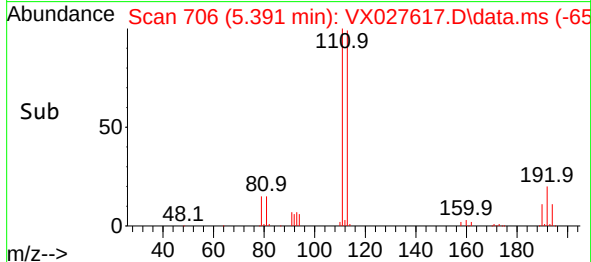
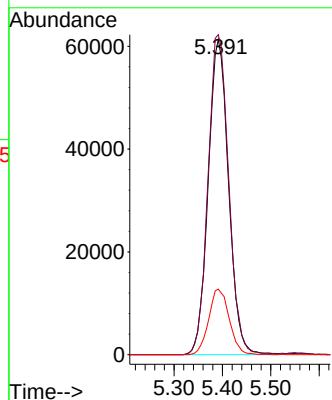
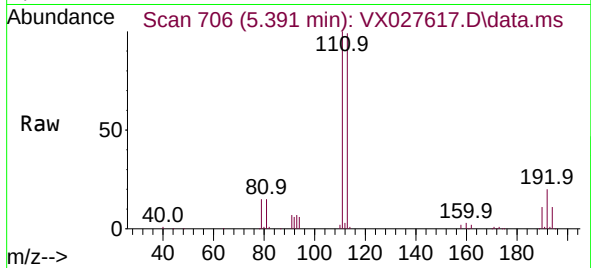




#35
Dibromofluoromethane
Concen: 51.459 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

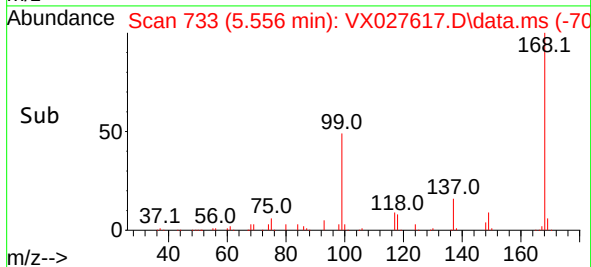
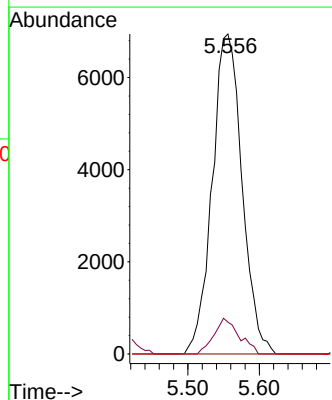
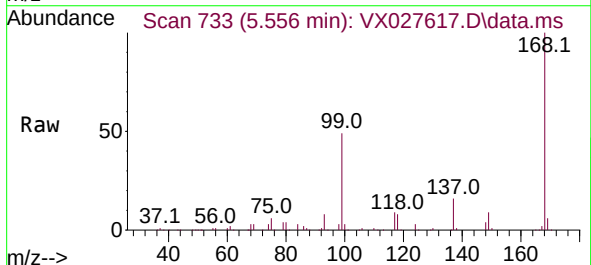
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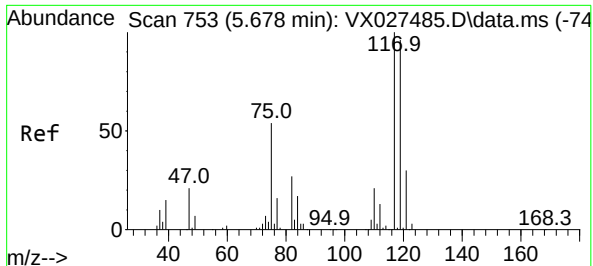
Tgt Ion:113 Resp: 179345
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.224 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Tgt Ion: 75 Resp: 20119
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#

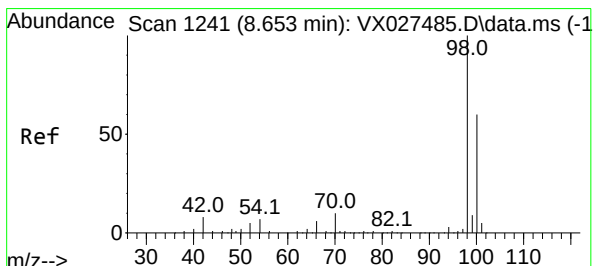
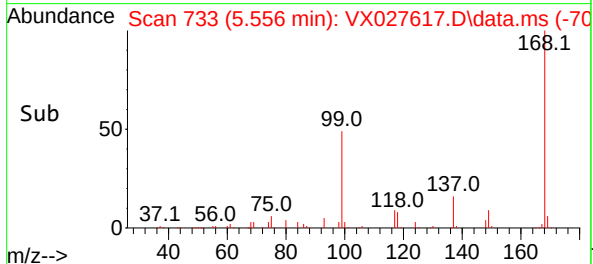
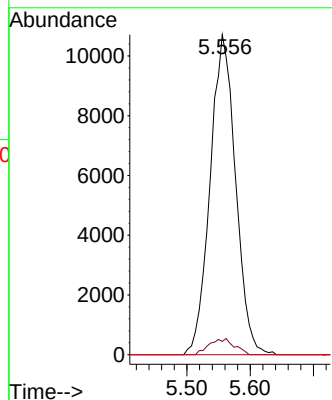
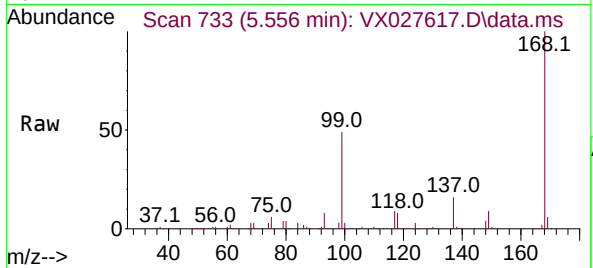




#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

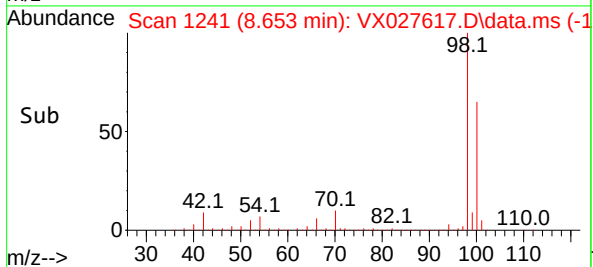
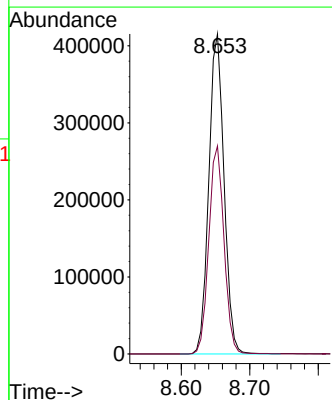
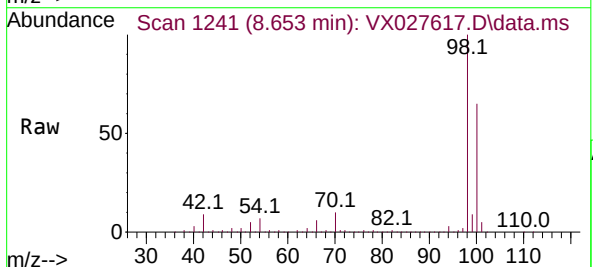
Instrument :
MSVOA_X
ClientSampleId :
MW-141

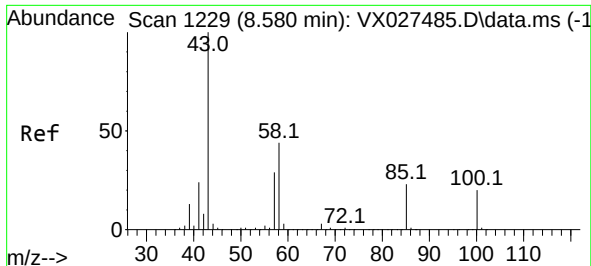
Tgt Ion:117 Resp: 29966
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.657 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Tgt Ion: 98 Resp: 641713
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.470 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX027617.D

Acq: 22 Mar 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

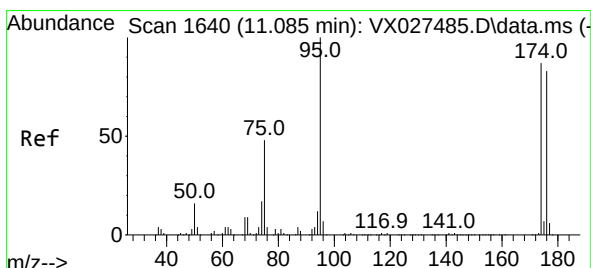
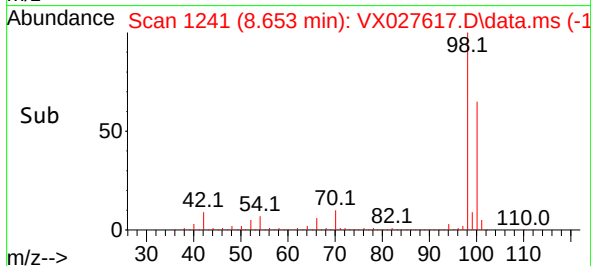
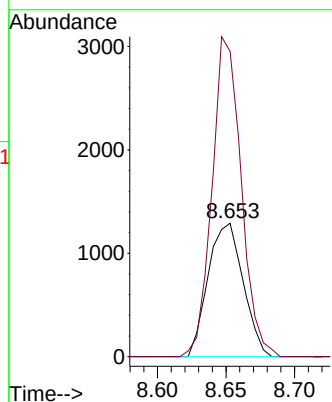
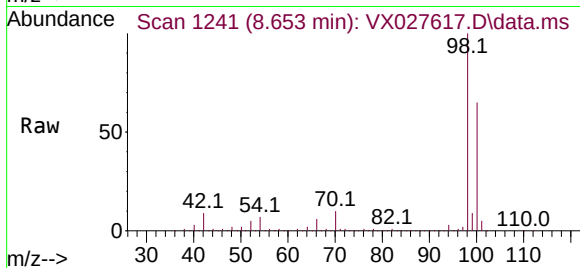
MW-141

Tgt Ion: 43 Resp: 2294

Ion Ratio Lower Upper

43 100

58 199.7 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 45.392 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027617.D

Acq: 22 Mar 2022 16:17

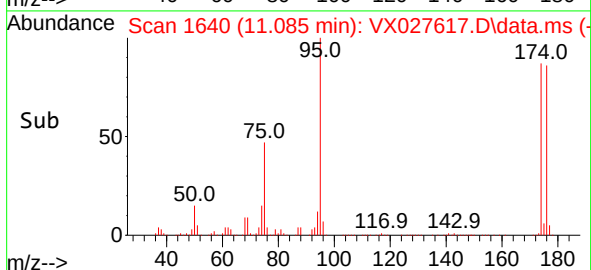
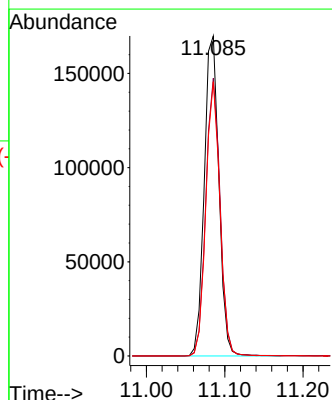
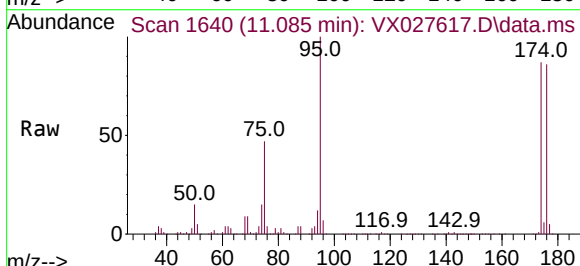
Tgt Ion: 95 Resp: 220038

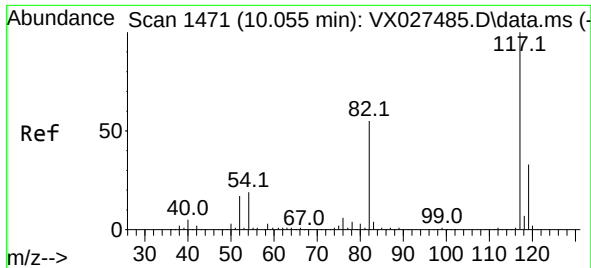
Ion Ratio Lower Upper

95 100

174 85.0 0.0 163.0

176 82.6 0.0 155.0

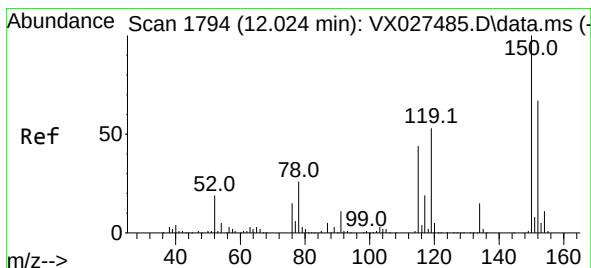
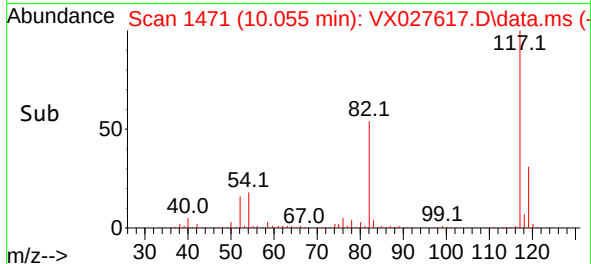
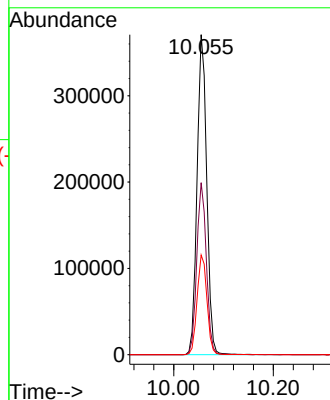
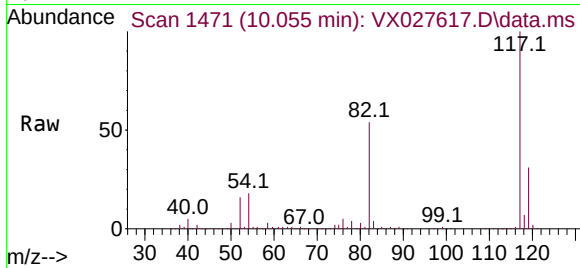




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

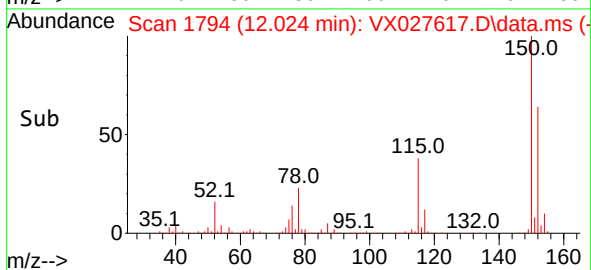
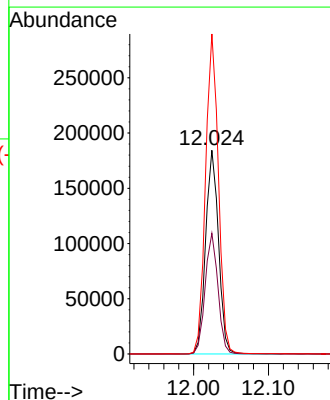
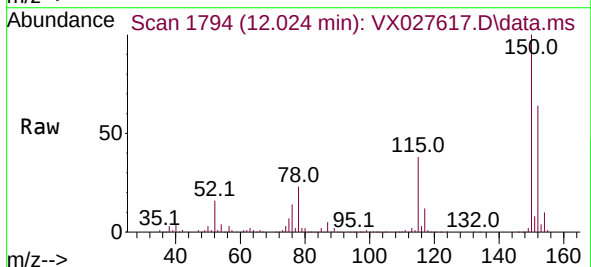
Instrument :
MSVOA_X
ClientSampleId :
MW-141

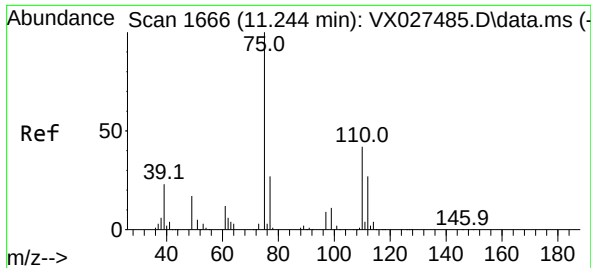
Tgt Ion:117 Resp: 498440
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 31.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Tgt Ion:152 Resp: 221012
Ion Ratio Lower Upper
152 100
115 58.9 37.5 112.7
150 156.8 0.0 338.2

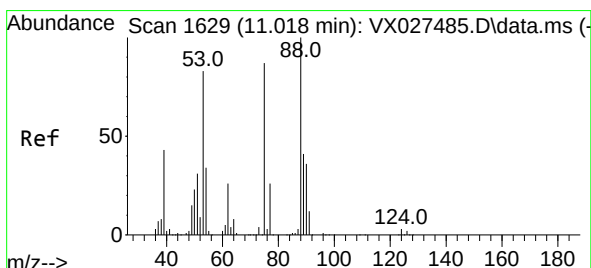
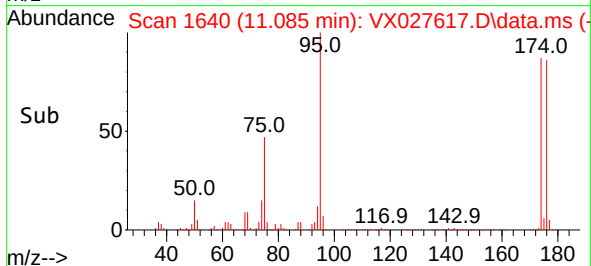
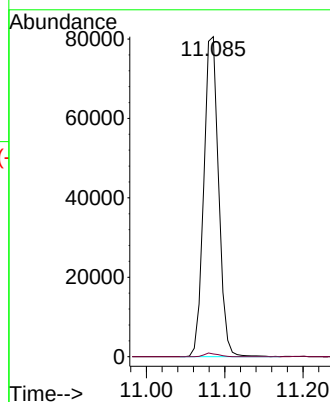
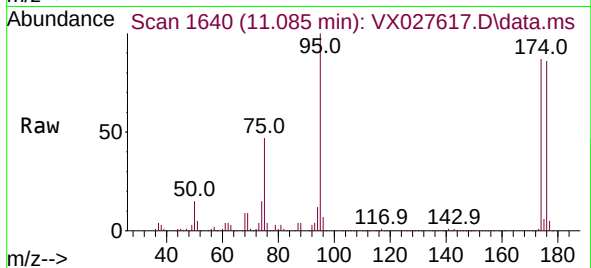




#76
1,2,3-Trichloropropane
Concen: 22.867 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
MW-141

Tgt Ion: 75 Resp: 105711
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.448 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027617.D
Acq: 22 Mar 2022 16:17

Tgt Ion: 75 Resp: 105711
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

